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ESTABLISHED 1870

The Shenandoah Nurseries

D. S. LAKE, -- Proprietor

SEMI-ANNUAL

Wholesale Trade List

SPRING 1912

FOR NURSERYMEN ONLY

SHENANDOAH, IOWA

PAGE COUNTY

PLEASE READ CAREFULLY

This business was established in 1870 and is still under the same management.

Have a plant of over six hundred acres, and all up-to-date equipment necessary for the proper and rapid handling of Nursery Stock.

Location—Are located in Southwestern Iowa—fifty miles south-east of Omaha, Nebr., and seventy miles north-west of St. Joseph, Mo.

Packing Season—The Spring packing begins about March 10th, although we can make shipment from storage all winter with the exception of Evergreens and some heavy shade trees.

Railroad Facilities—We have the C. B. & Q., Wabash, and Keokuk & Western Railroads and have low freight rates with direct lines to Chicago, Denver, Kansas City, Minneapolis, Omaha, St. Louis, St. Joseph and other Central points.

Express Companies—The Adams and Wells-Fargo give good service.

CONDITIONS OF SALE

Shipping—If no directions are given, we will forward to the best of our judgment but in no case will we assume responsibility after consignment to purchaser.

Payment—Cash or security before shipment of goods, except with established firms, when if unknown to us, references will be required before goods are forwarded. Orders to be sent C. O. D. should be accompanied by one-fourth cash.

Prices—Are limited to Spring 1912 and supercede all previous lists and are subject to change without notice.

Caution—We accept all orders upon condition that they shall be void should injury befall stock from frost, fire, hail storms or other causes over which we have no control.

Grades—We grade carefully; in some cases by caliper; in others by height. When graded by both caliper and height, the caliper must govern.

Claims—For deduction, will receive consideration only when made within six days after receipt of goods.

Packing—Prices contained herein are net; cost of boxing and baling will be added.

Certificate of Inspection—Will be furnished with each shipment.

Our Guarantee of Genuineness—While we exercise proper diligence to have our trees, etc., true to label and hold ourselves in readiness, on proper proof, to replace all trees, etc., that may prove untrue to label, free of charge or refund the amount paid, it is mutually understood and agreed between the purchaser and ourselves that our guarantee of genuineness shall in no case make us liable for any sum greater than originally received for said trees, etc., that prove untrue.

BOXING AND PACKING

30x36x10 feet	$3 50
30x30x10 feet	3 00
24x30x10 feet	2 75
24x24x10 feet	2 50
18x18x10 feet	1 75
12x12x 8 feet	1 25

FRUIT TREES, SMALL FRUITS, ETC.

APPLES—General Assortment

	Code	Per 100	Per 1000
Standard First Class, 5 feet and up, 11-16 inch and up	Dab	$17 00	$160 00
" " " 4 to 5 feet, 5-8 to 11-16 inch	Daft	13 00	120 00
" " " 3½ to 4½ feet, 1-2 to 5-8 inch	Daily	9 00	80 00
" " " 3 to 4 feet, slightly branched	Dale	6 00	50 00
" " " 2 to 3 feet,	Damp	3 50	30 00

Leading Varieties

Summer

Benoni
C. E. White
*Duchess
Early Harvest
Golden Sweet
*Red June
*Red Astrachan
Summer Queen
Tetofsky

Autumn

Autumn Strawberry
Charlamoff
Cole Quince
Fall Pippin
Flora Belle
Haas
Hibernal
*Iowa Beauty
Kaump
Lowell
Maiden Blush
McMahon White
*Okabena
Peerless
Ragan
Rambo
Ramsdell Sweet
Red Bietigheimer
*Wealthy

Winter

Ark. Beauty
Ark. Black
*Baldwin
Ben Davis
*Black Ben Davis
*Champion
*Chicago
Day
E. G. Russet
Gano
Grimes Golden
Huntsman
Ingram
Iowa Blush
Isham Sweet
*Jonathan
*King of T. Co.
Lansingburg
Lawver
Longfield
Malinda
Mann
M. B. Twig
Milwaukee
*Minkler
Mo. Pippin
No. Spy
N. W. Greening
*Opalescent
*Patten Greening
Pewaukee
Price Sweet
Roman Stem
Scott Winter
*Senator
Shackleford
Stark
*Stayman Winesap
Sutton Beauty
Virginia Beauty
Walbridge
Winesap
Wis. Russet
*Wolf River
W. W. Pearmain
Yellow Bellflower
Yellow N. Pippin
*York Imperial

Varieties marked with a (*) will be booked only in such proportion in assortment as our stock will permit. If supplied alone $20.00 per 1000 additional.

ONE YEAR WHIPS

Apple, 1 year, 4 to 5 feet	Dampen	....	90 00
" 1 " 3 to 4 "	Damper	....	70 00

List of Varieties

	4-5 ft.	3-4 ft.
Arkansas Black	950	800
Banana	100	
*Delicious	850	600
Grimes Golden	....	325
Jonathan	4800	3600
Rome Beauty	500	1125
Spitzenburg (Esopus)	2700	1125
*Stayman Winesap	775	750
Winesap	1075	1350
*Yellow Newtown Pippin	3000	500

Varieties marked with a (*) will be sold 2c per tree higher on each grade.

CRAB APPLES

	Code	Per 100	Per 1000
Standard First Class, 5 feet and up, 11-16 inch and up	Dane	15 00	140 00
" " " 4 to 5 feet, 5-8 to 11-16 inch	Dance	12 00	110 00
" " " 3½ to 4½ feet, 1-2 to 5-8 inch	Dare	8 00	70 00
" " " 3 to 4 feet, slightly branched	Dark	6 00	50 00

Leading Varieties

Alaska	Minnesota	Transcendent
Florence	Red Siberian	White Arctic
General Grant	Shields	Whitney
Hyslop	Sylvan	Yellow Siberian
Martha		

CHERRIES

***Early Richmond and *Dyehouse**

Two years, 5 to 6 feet, 3-4 inch and up	Dart	$10 00	$80 00
" " 4 to 5 feet, 5-8 to 3-4 inch	Dash	8 00	60 00
" " 3 to 4 feet, 1-2 to 5-8 inch	Dawn	6 00	50 00

General Assortment

Two years, 5 to 6 feet, 3-4 inch and up	Day	12 00	100 00
" " 4 to 5 feet, 5-8 to 3-4 inch	Daze	10 00	80 00
" " 3 to 4 feet, 1-2 to 5-8 inch	Deaf	8 00	60 00

Varieties

Black Tartarian	*Montmorency L.	Suda
†*Eng Morello	Napoleon	Windsor
Gov. Wood	Olivet	†*Wragg
Louis Phillipe	†Ostheim	Yellow Spanish

We can furnish the varieties marked with a (*) on Mazzard roots at 2c additional per tree. Varieties marked with a (†) 2c per tree higher on each grade when sold alone.

ONE YEAR OLD CHERRIES

One year, 5 to 6 feet	Dean	12 00	....
" " 4 to 5 "	Debar	10 00	....
" " 3 to 4 "	Debate	8 00	....
" " 2 to 3 "	Debt	6 00	....

Varieties

Bing	Lambert	Napoleon
Black Tartarian	May Duke	Windsor
Gov. Wood	Montmorency L.	Yellow Spanish

Compass Cherry Plum

One and two years, 5 to 6 feet, 11-16 inch and up	Decay	18 00	....
" " " " 4 to 5½ feet, 9-16 to 11-16 inch	Decent	15 00	....
" year, 3½ to 4½ feet, 7-16 to 9-16 inch	Deck	12 00	....
" " 3 to 4 feet, under 7-16 inch	Decoy	8 00	....
" " 2 to 3 feet	Decree	6 00	....

PEACHES

One year, 4 to 6 feet, 5-8 inch and up	Deface	10 00	80 00
" " 4 to 5 " 1-2 to 5-8 inch	Defect	8 00	65 00
" " 3 to 4 " 7-16 to 1-2 inch	Defer	6 00	50 00
" " 2 to 3 " 3-8 to 7-16 inch	Defile	4 50	35 00

Varieties

Ad. Dewey	Early Rivers	O. M. Free
Alexander	Elberta	Piquet's Late
Bailey	Fitzgerald	Purple Leaf
Bokara No. 3	Foster	Red Cheek
Carman	Greensboro	Russell
Champion	Hale's Early	Salway
Chinese Cling	Heath Cling	Sneed
Crawford's Early	Hill's Chilli	Stump
Crawford's Late	Lemon Cling	Triumph
Crosby	O. M. Cling	Wonderful

APRICOT

	Code	Per 100	Per 1000
Two years, 5 to 6 feet, 11-16 inch and up	Define	15 00	....
" " 4 to 5 feet, 5-8 to 11-16 inch	Deform	12 50	....
" " 3½ to 4½ feet, 1-2 to 5-8 inch	Defray	10 00	....

Leading Varieties

Alexander	Gibb	Moorpark
Alexis	J. L. Budd	Royal
Early Golden		

Nectarines, New White and Red Roman, 5-8 inch	Degree	15 00	....
" " " " " " 1-2 to 5-8 inch	Deign	12 50	....
" " " " " " 3-8 to 1-2 inch	Deject	10 00	....
" " " " " " 2-3 feet	Delude	8 00	....

PLUMS

American and Chickasaw on Plum

Two years, 5 to 6 feet, 11-16 inch and up	Demise	$17 00	.....
" " 4 to 5½ feet, 9-16 to 11-16 inch	Demon	14 00	.....
" " 3½ to 4½ feet, 7-16 to 9-16 inch	Den	10 00	90 00

Leading Varieties

Chas. Downing	Hawkeye	Surprise
Cheney	Milton	Wild Goose
De Soto	Pottawattamie	Wolf
Forest Garden	Stoddard	Wyant

European, Two years, 5 to 6 feet, 3-4 inch and up	Denote	15 00	130 00
" " " 4 to 5 " 5-8 to 3-4 inch	Dense	12 00	100 00
" " " 3 to 4 " 1-2 to 5-8 "	Dent	9 00	80 00

Leading Varieties

Bradshaw	Imperial Gage	Reine Claude
French Damson	Lombard	Shropshire Damson
German Prune	Moore's Arctic	Yellow Egg
Gueii	Pond's Seedling	

Japanese, Two years, 5 to 6 feet, 3-4 inch and up	Deny	17 00	150 00
" " " 4 to 5 " 5-8 to 3-4 inch	Depart	14 00	125 00
" " " 3 to 4 " 1-2 to 5-8 inch	Depict	12 00	100 00

Leading Varieties

Abundance	Red June	Wickson
Burbank		

PEARS

Standard, Two years, 5 feet and up, 3-4 inch and up	Deplete	16 00	140 00
" " " 4 to 6 feet, 5-8 to 3-4 inch	Deplore	13 00	110 00
" " " 4 to 5 " 1-2 to 5-8 inch	Depose	9 00	80 00

Leading Varieties

*Bartlett	Garber	*Seckel
*Beurre D'Anjou	Kieffer	Sheldon
Clapp's Favorite	Koonce	Vermont Beauty
Duchess	Lawrence	Wilder
Early Harvest	Rossney	Worden Seckel
Flemish Beauty		

Dwarf, Two years, 11-16 inch and up	Desert	10 00	.....
" " " 5-8 to 11-16 inch	Desist	8 00	.....
" " " 1-2 to 5-8 inch	Desk	6 00	.....

Leading Varieties

*Bartlett	Flemish Beauty	L. B. de Jersey
*Beurre D'Anjou	Howell	*Seckel
Clapp's Favorite	Kieffer	Wilder
Duchess	Koonce	

Varieties marked with a (*) 2c per tree higher on each grade.

QUINCE

	Code	Per 100	Per 1000
Two years, 5 to 6 feet, 11-16 inch and up	Despot	20 00	.....
" " 4 to 5 " 5-8 to 11-16 inch	Detail	18 00	.....
" " 3 to 4 " 1-2 to 5-8 inch	Detect	15 00	.....
" " 3 to 4 " 7-16 to 1-2 inch	Deter	13 00	.....

MULBERRY

Russian, Two years, 6 to 8 feet	Detest	10 00	.....
" " " 5 to 6 "	Detour	8 00	.....
" " " 4 to 5 "	Devise	6 00	.....
" " " 3 to 4 "	Devote	3 00	.....
New American and Downing, 1 year, 5 to 6 feet	Dew	20 00	.....
" " " " 1 " 4 to 5 "	Dial	17 00	.....

GRAPE VINES—New York Grown

Agawam, (Roger's No. 15) Red, 2 years	Dice	$3 50	$30 00
" " " " " 1 year	Did	2 50	20 00
Brighton, Coppery Red, 2 years	Die	4 00	35 00
" " " 1 year	Diet	3 00	25 00
Campbell's Early, Black, 2 years	Differ	9 00	.....
" " " 1 year	Dig	7 00	.....
Catawba, Coppery Red, 2 years	Dike	3 00	.....
" " " 1 year	Dill	2 00	.....
Champion, Black, 2 years	Dim	3 50	.....
" " 1 year	Dime	2 50	.....
Clinton, Black, 2 years	Din	3 00	25 00
" " 1 year	Dine	2 30	18 00
Concord, Black, 2 years	Dint	2 20	17 00
" " 1 year	Dip	1 70	12 00
Delaware, Red, 2 years	Dipper	4 00	35 00
" " 1 year	Dire	3 00	25 00
Diamond, (Moore's) White, 2 years	Dirk	3 50	30 00
" " " 1 year	Dirt	2 50	20 00
Elvira, White, 2 years	Disc	3 00	25 00
" " 1 year	Discus	2 30	18 00
Empire State, White, 2 years	Dish	4 00	.....
" " " 1 year	Disk	3 00	.....
Isabella, 2 year	Ditch	3 50	.....
Ives Seedling, Black, 2 years	Divan	3 00	.....
" " " 1 year	Dive	2 00	.....
Lady, White, 2 years	Diver	4 50	.....
" " 1 year	Divide	3 50	.....
Lindley, (Roger's No. 9) Red, 2 years	Docile	3 00	.....
" " " " " 1 year	Doctor	2 00	.....
Martha, White, 2 years	Dodge	3 50	30 00
" " 1 year	Doe	2 50	20 00
Moore's Early, Black, 2 years	Dog	3 50	32 50
" " " 1 year	Dole	2 50	22 00
Niagara, White, 2 years	Dolt	3 50	30 00
" " 1 year	Dome	2 50	20 00
Pocklington, White, 2 years	Don	3 50	30 00
" " 1 year	Doom	2 50	20 00
Salem, (Roger's No. 53) Coppery Red, 2 years	Door	3 50	.....
" " " " " " 1 year	Dose	2 50	.....
Vergennes, Red, 2 years	Dote	3 50	.....
" " 1 year	Doubt	2 50	.....
Wilder, (Roger's No. 4) Black, 2 years	Dove	4 00	.....
" " " " " 1 year	Down	3 00	.....
Woodruff, Red, 2 years	Dozy	6 00	.....
" " 1 year	Drab	4 00	.....
Worden, Black, 2 years	Draff	3 50	32 50
" " 1 year	Drag	2 50	22 00
Wyoming, Red, 2 years	Drain	3 50	.....
" " 1 year	Drake	2 50	.....

In booking orders for 1 year No. 1 we may have to use 2 year No. 2.

CURRANTS—Strong Well Rooted Plants

	Code	Per 100	Per 1000
Fay's Prolific, 2 years, No. 1	Dram	$3 50	$30 00
" " 1 year. No. 1	Drape	2 50	20 00
Perfection, 2 years, No. 1	Draw	9 00	.....
" 1 year, No. 1	Dray	7 00	.....
Red, General Assortment, 2 years, No. 1	Dregs	3 00	25 00
" " " 1 year, No. 1	Dress	2 25	18 00

Varieties

Cherry	North Star	Red Dutch
Knight's Large Red	Pomona	Victoria
La Versailles	Prince Albert	Wilder
London Market	Red Cross	

White and Black, 2 years No. 1	Drift	3 50	30 00
" " " 1 year No. 1	Drill	2 50	20 00

Varieties

Black Champion	White Dutch	White Grape
Black Naples		

Tree Currants	Drip	6 00	.....

GOOSEBERRIES

Champion, 2 years, No. 1	Drive	6 00	.....
" 1 year, No. 1	Droll	5 00	.....
Downing, 2 years, No. 1	Drone	6 50	60 00
" 1 year, No. 1	Drop	5 00	45 00
Houghton, 2 years, No. 1	Dross	4 00	35 00
" 1 year, No. 1	Drove	3 00	25 00
Industry, 2 years, No. 1	Drub	9 00	.....
" 1 year, No. 1	Drug	7 00	.....
Josselyn, (Red Jacket) 2 years, No. 1	Drum	7 00	.....
" " " 1 year, No. 1	Dry	6 00	.....
Mountain Seedling, 2 years, No. 1	Dub	6 00	.....
" " 1 year, No. 1	Due	5 00	.....
Smith, 1 year, No. 1	Duke	5 00	.....

RASPBERRIES

Columbian, Cardinal and Haymaker, (Purple)	Dull	1 50	12 50
Cumberland, Eureka, Gregg, Kansas and Plum Farmer (Black)	Dumb	1 00	8 00
Cuthbert, Brandywine, King, Marlboro, Miller and Turner (Red)	Dupe	1 00	8 00
Hoosier, (Black)	Dusk	2 00	.....
Loudon, (Red)	Dust	1 25	10 00

BLACKBERRIES

Ancient Britton	Eager	1 50	12 50
Blowers	Eagle	2 00	.....
Ea. Harvest	Earl	1 00	8 00
Eldorado	Ease	1 50	12 50
Erie	Edge	90	7 00
Kittatinny	Edit	1 25	10 00
Mersereau	Eject	1 50	12 50
Rathbun	Eland	1 25	10 00
Snyder	Elate	1 25	10 00
Stone's Hardy	Elect	1 25	10 00
Ward	Elite	1 25	10 00
Wilson's Early	Elope	1 00	8 00

DEWBERRIES

	Code	Per 100	Per 1000
Austin	Elude	$1 25	$10 00
Lucretia	Embalm	1 00	8 00
Premo	Embark	1 25	10 00

STRAWBERRIES

We advise shipping Strawberries by express. All freight shipments will be entirely at buyer's risk.

Leading Varieties	Ember	50	3 00

Aroma	Crescent	Rough Rider
Bederwood	Haverland	Senator Dunlap
Brandywine	Klondyke	Splendid
Bubach	Nick Ohmer	Warfield
Climax	Parker Earl	William Belt

GARDEN ROOTS

Asparagus, Barr's Mammouth, 2 years	Emblem	50	4 50
" " " 1 year	Emboss	40	3 50
" Conover's Colossal, 2 years	Emend	40	3 50
" " " 1 year	Emery	35	3 00
" Columbian, 2 years	Emmet	50	4 00
" " 1 year	Empale	40	3 00
" Giant Argenteuil, 2 years	Empire	50	4 50
" " " 1 year	Enact	40	3 50
" Palmetto, 2 years	Encore	50	4 50
" " 1 year	Endive	40	3 50
Horse Radish	Endow	1 50	10 00
Rhubarb, Linnæus and Victoria, strong roots	Endue	2 50	20 00
Sage	Enjoy	5 00	....

MISCELLANEOUS

Himalaya Berries	Enlist	4 00	....
Juneberry, Dwarf, 2 to 3 feet	Enrage	6 00	....
" " 18 to 24 inches	Enrich	4 00	....
" " 12 to 18 inches	Enroll	3 00	....
Logan Berry	Ensign	5 00	....
Rocky Mountain Dwarf, Transplanted			
2 to 3 feet	Ensly	5 00	....
18 to 24 inches	Ensue	4 00	....
12 to 18 "	Ensum	3 00	....
6 to 12 "	Ensure	2 00	....
Strawberry-Raspberry	Entail	2 00	15 00

CUTTINGS

Poplar, Carolina, Lombardy and Silver Leaved	Errand	....	1 50
Willow, Grey, Golden, Niobe, Red, Thurlow, Weeping, Wis.	Escort	....	2 00
Tamarix, Amurensis and Africana	Estate	....	3 00

SEEDS

		Per lb	Per 100 lbs
Apple, American	Face	$ 35	
" French Imported	Fact	45	
Ash,	Fade	10	8 00
Catalpa,	Fair	75	
Locust, Black	Fare	30	25 00
" Honey	Faro	30	25 00
Mulberry, Russian	Fate	2 00	
Peach Pits,	Fear	per bu.	2 00
Rhubarb,	Feat	75	

FRUIT TREE STOCKS AMERICAN GROWN

Apple Seedlings—Our apple seedlings the past year held their foliage well and were free from any insects or diseases whatever and they have been giving our customers perfect satisfaction.

In growing our apple seedlings we scatter out the plants, selecting choice new land and above all avoiding old tree or seedling ground. It takes extra equipments to grow seedlings this way but we consider that the superior quality pays us for the extra expense.

Our apple seedlings are left in the ground as late as possible, taking them up just before freezing weather which allows them to mature fully. We handle them carefully avoiding all unnecessary exposure.

We are prepared to ship from this place or from Topeka, Kansas. At both places we are equipped with frost proof storage and grading buildings, for the handling of our seedlings; with side tracks at both places. This is a great advantage in a severe Winter like this.

We will accept a limited number of orders for Fall of 1912 and Winter of 1913 shipment, and will guarantee carload lots to the following distributing points:—Huntsville, Ala., Winchester, Tenn., West Chester, Pa., Baltimore, Md., Richmond, Va., Dansville, N. Y., Geneva, N. Y., Rochester, N. Y., Spokane, Wash., North Yakima, Wash., Portland, Ore., Hood River, Ore., Oakland, Calif., Salt Lake City, Utah, Payette, Idaho and Vancouver, B. C.

Shipping in this way gives quick transportation and a saving of about one-half in freight. We load in thru' refrigerator cars in which we can get heaters if weather is severe. This insures safe arrival.

We make the following grades and prices:

		Per 1000
Apple Seedlings,	No. 1, 3-16 inch and all up straight	$5 00
" "	No. 1, 3-16 inch and all up branched	5 00
" "	No. 2, 2-16 to 3-16 inch straight or branched	3 00
" "	No. 3, under 2-16 inch	1 00

The number three are suitable for light grafting or lining out to bud.

		Per 1000
Pear Seedlings,	Japan No. 1, 3-16 inch and up	$8 00
" " "	No. 2, 2-16 to 3-16 inch	5 50
" " "	No. 3, under 2-16 inch	3 50
" "	Kieffer No. 2, 2-16 to 3-16 inch	5 00
" " "	No. 3, under 2-16 inch	3 00

FRUIT TREE STOCKS—FRENCH GROWN

While severe drouth conditions have prevailed in the nursery sections of France this past summer, yet we have a fair supply of French Stocks to handle this season although some items are already sold up. It is very important to place orders at once for your wants.

We have our own representative in France who has the seedlings grown on contract by small farmers. He personally looks after the grading and packing of all stocks and they are then shipped in carload lots to us at Shenandoah. Here we open up all boxes and carefully inspect the condition and grading before sending them out to our customers. I believe those who have used our French seedlings will say that our grades are usually better than the average.

		Per 1000
Apple Seedlings,	Extra Heavy, 7-12 mm, straight or branched	10 00
" " " "	5-7 mm, " "	6 00
" "	3-5 mm, straight or branched	3 50
Cherry,	Mahalebs 5-9 mm	8 50
" "	3-5 mm	5 00
" "	2-3 mm	4 00
Pear Seedlings,	7-12 mm	10 00
" "	5-7 mm	8 00
" "	3-5 mm	5 00
Manetti Rose Stocks,	3-5 mm	8 00
Quince Stocks,	5-7 mm	7 50
Rosa Canina,	(Dog Rose) Stocks, 5-10 mm	8 50

mm means Millimeter. Twenty-five Millimeters in one inch.

Boxing will be charged at cost.

ROOT GRAFTS

For over forty years during the winter months, we have been putting up root grafts for the trade and for our own planting. In this work only experienced and skilled workmen are used. We are prepared to make root grafts of any style or length wanted, and make the price accordingly. We use orchard scions extensively, and strong, healthy seedlings grown by ourselves from the very hardiest and best seed that can be procured.

Our grafts are wrapped with a waxed thread specially prepared for this purpose, and are tied one hundred in a bunch, properly labeled and packed in a frost-proof cellar to callous. Each order is grafted by itself and packed separately until shipped. They are repacked and inspected several times during the winter so they are in the best of condition at shipping time.

It is very important that orders be placed early. We can then give them closer attention and supply a larger list of varieties than later in the season. Our grafting season begins about the first of January, and continues throughout the winter.

Grafts should be planted out early in the spring in well prepared ground. In our own plantings we set them about eight inches apart in the row, making the rows three feet, six inches wide. It is very essential that the earth be well pressed around them.

As our grafts are put up in bunches of one hundred, do not order a less amount of any one variety. We will be glad to mail samples upon request.

If ordered alone, varieties marked with a (*) in list of varieties, the price will be one dollar per thousand higher than quoted in this list.

Apple and Crab Piece Root Grafts

5000 and up..... $6 00 per 1000
1000 to 5000..... 6 50 per 1000

The above prices are for a general assortment of leading varieties.

Piece root grafts are made by using about six inches of scion and three and one-half inches of root. They are tongued together and securely wrapped at the union making the entire graft about eight and one-half inches long. This style of graft we use mostly in our own plantings.

Apple and Crab Whole Root Grafts on Branched Seedlings

5000 and up..... $ 9 00 per 1000
1000 to 5000..... 10 00 per 1000

This style of graft is made by using about six inches of scion and a well-branched seedling. The entire seedling is used. making the union at the collar and wrapping with waxed thread which holds it firmly until calloused. Many nurserymen prefer to plant this kind of graft claiming that they get a larger growth owing to the well-formed root system.

Apple and Crab Whole Root Grafts on Straight Seedlings.

5000 and up..... $10 00 per 1000
1000 to 5000..... 10 50 per 1000

This class of grafts is made in the same manner as those on branched roots, using the same length scion but a straight seedling instead of a branched.

Pear Grafts, Piece Root ..... $10 00 per 1000
" " Whole Root ..... 12 00 per 1000

Write for Special Prices on Large Lots. For List of Varieties See Opposite Page. All Grafts Boxed Free.

SCIONS

Can supply some varieties of both apple and pear scions. Send in your list for prices.

VARIETIES OF APPLE, CRAB AND PEAR GRAFTS

APPLES—Summer

Benoni
Carolina Red June
Chen. Strawberry
Cooper Early White
Duch. of Oldenburg
Early Harvest
Ea. Strawberry
Golden Sweet
Keswick Codlin
*Livland Raspberry
*Red Astrachan
Sops of Wine
Summer Pippin
Summer Queen
Sweet Bough
Sweet June
Tetofsky
Yel. Transparent

Autumn

Alexander
Aut. Strawberry
Bailey Sweet
Black Annette
Charlamoff
Cole Quince
Duchess No. 6
Estaline
Fall Orange
Fall Pippin
Fall Winesap
Fameuse (Snow)
Flora Belle
Gideon
Gravenstein
Haas
Hibernal
Iowa Beauty
Jefferis
Jersey Sweet
Kaump
Longfield
Lowell
Maiden Blush
McMahon White
Okabena
Peerless
Peter
Pound Sweet
Rambo
Ramsdell Sweet
Red Bietigheimer
Smokehouse
*University
Utter Red
Virginia Beauty
Wealthy
Yellow Horse

Winter

Akin
Allen Choice
Anisim
Arkansas Beauty
Arkansas Black
Babbitt
Banana
Baldwin
Baxter
Belle de Boskoop
Ben Davis
Big Romanite
*Black Ben Davis
Boiken
Buckingham
Clayton
Coffelt
Cranberry Pippin
Day
*Delicious
Dominie
D. W. M. Blush
E. G. Russet
Fallawater
Gano
Grimes Golden
Hub. Nonesuch
Huntsman
Ingram
Iowa Blush
Isham Sweet
Janet (Ralls)
Jonathan
King of T. Co.
Lansingburg
Lawver
Limber Twig
L. R. Romanite
Malinda
M. B. Twig
Mann
*McIntosh Red
Milam
Milwaukee
Minkler
Missouri Pippin
Nickajack
Northern Spy
N. W. Greening
*Opalescent
Ortley
Patten Greening
Payne Keeper
Perry Russet
Pewaukee
Plum Cider
Price Sweet
R. I. Greening
Roman Stem
*Rome Beauty
Rolfe
Roxbury Russet
Salome
Scott Winter
Seek-no-further (Westfield)
*Senator
Shackelford
Shannon Pippin
Sheriff
Shockley
Smith Cider
*Spitzenburg
Stark
*Stayman Winesap
Sutton Beauty
Swaar
Tolman Sweet
Twenty Ounce
Vandevere Pippin
*Wagener
Walbridge
White Pippin
W. W. Pearmain
Willow Twig
Winesap
Windsor Chief
W. S. Paradise
Wisconsin Russet
Wolf River
Yellow Bellflower
*Yel Newtown Pippin (Albemarle Pippin)
York Imperial

CRAB

Alaska
Briar Sweet
Early Strawberry
Florence
General Grant
Gideon No. 4
Hyslop
Large Red Siberian
Lyman Prolific
Martha
Milton
Minnesota
Montreal Beauty
Orange
Quaker Beauty
Q. C. Cluster
Red Siberian
Shields
Soulard
Sylvan Sweet
Transcendent
Van Wyck Sweet
Virginia
White Arctic
Whitney
Yellow Siberian

PEAR

Bartlett
Beurre D'Anjou
Buffum
Clapp's Favorite
Duch. d'Angouleme
Early Harvest
Flemish Beauty
Garber
Howell
Idaho
Kieffer
Koonce
Lawrence
La Conte
L. B. de Jersey
Rossney
Seckel
Sheldon
Tyson
Vermont Beauty
Wilder

If ordered alone the varieties marked with a star (*) will cost one dollar additional per thousand.

FOREST TREE SEEDLINGS—Nursery Grown Stock

	Code		Per 1000
Ash, American, 12 to 18 inches	Film	....	$3 50
" " 6 to 12 "	Fin	....	2 00
Box Elder, 2 to 3 feet	Final	....	6 00
" " 18 to 24 inches	Find	....	3 50
" " 12 to 18 "	Fine	....	2 50
" " 6 to 12 "	Fire	...	1 50
" " 4 to 6 "	Firm	....	1 00
Catalpa, 12 to 18 "	Fit	....	5 00
" 6 to 12 "	Fix	....	2 50
Elm, 18 to 24 inches	Fizz	....	4 00
" 12 to 18 "	Flag	....	2 50
" 6 to 12 "	Flail	....	1 75
Locust, Black, 3 to 4 feet	Flame	....	5 00
" " 2 to 3 "	Flap	....	3 00
" " 18 to 24 inches	Flare	....	2 50
" " 12 to 18 "	Flash	....	2 00
" " 6 to 12 "	Flaw	....	1 25
" Honey 18 to 24 "	Flax	....	4 00
" " 12 to 18 "	Fleet	....	2 50
Maple, Silver Leaved, Soft or White, 3 to 4 feet (Collected)	Flint	....	8 00
" " " " " " 2 to 3 " "	Flip	....	5 00
" " " " " " 18 to 24 inches "	Flop	....	4 00
" " " " " " 12 to 18 " "	Flow	....	3 00
" " " " " " 6 to 12 " "	Fluid	....	2 00
Mulberry, Russian, 18 to 24 inches	Foam	....	4 50
" " 12 to 18 "	Fog	....	3 50
" " 6 to 12 "	Fold	....	2 50
Olive, Russian, 18 to 24 inches	Folio	....	15 00
" " 12 to 18 "	Folk	....	12 00
***Osage Orange**, No. 1	Folly	....	2 50
" " No. 2	Fond	....	1 50
Poplar, Carolina, 4 to 5 feet	Font	....	20 00
" " 3 to 4 "	Food	....	15 00
" " 2 to 3 "	Fool	....	10 00
Walnut, Black, 12 to 18 inches	Force	....	8 00
" " 6 to 12 "	Ford	....	5 00
Willow, Russian Golden, 2 to 3 feet	Fore	....	10 00
" " " 18 to 24 inches	Forge	....	8 00

*Can supply Osage Orange with tops if wanted.

WEEPING TREES

	Code	Per 10	Per 100
Birch, Cut Leaved, 6 to 8 feet	Fork	$5 00	....
" " " 5 to 6 "	Form	4 00	35 00
" " " 4 to 5 "	Fort	3 00	25 00
" " " 3 to 4 "	Forth	2 00	15 00
Elm, Camperdown, 2 year heads	Forum	5 00	....
" " 1 " "	Foul	4 00	....
Mt. Ash, Weeping, 2 year heads	Frail	3 00	....
" " " 1 " "	Fraud	2 50	....
Mulberry, Tea's Weeping Russian, 2 year heads	Fray	5 00	....
" " " " 1 " "	Fret	4 00	....
Willow, Babylonica 6 to 8 feet	Friz	2 00	....
" " 5 to 6 "	Frog	1 50	....
" " 4 to 5 "	Frow	1 25	....
" Kilmarnock, 2 year heads	Fuel	3 50	....
" " 1 " "	Fund	2 50	....
" Niobe, 8 to 10 feet	Funk	2 50	....
" " 6 to 8 "	Furl	1 50	....
" " 5 to 6 "	Fury	1 25	....
" " 4 to 5 "	Fuse	1 00	....
" Thurlow and Wisconsin Hardy, 6 to 8 feet	Fuze	1 50	....
" " " " " 5 to 6 "	Fuzz	1 25	....
" " " " " 4 to 5 "	Fyke	1 00	....

DECIDUOUS ORNAMENTAL TREES

We have a good stock of Nursery Grown Shade and Ornamental Trees. They have been twice transplanted and are suitable for street and park planting.

	Code	Per 10	Per 100
Ash, American White, 2 to 2½ inch stem	Gad	$ 3 50	....
" " " 1½ to 2 " "	Gaff	2 50	....
" " " 8 to 10 feet	Gag	1 75	15 00
" " " 6 to 8 "	Gage	1 25	10 00
" " " 5 to 6 "	Gait	1 00	8 00
" " " 4 to 5 "	Gala	60	5 00
Birch, European White, 8 to 10 feet	Gall	2 50	....
" " " 6 to 8 "	Gang	1 75	....
" " " 5 to 6 "	Gaol	1 50	12 50
" " " 4 to 5 "	Gape	1 25	10 00
" " " 3 to 4 "	Garb	1 00	8 00
Box Elder, 5 to 6 feet	Gas	1 00	8 00
" " 4 to 5 "	Gash	75	5 00
Butternut, 6 to 8 "	Gasp	2 00	....
" 5 to 6 "	Gate	1 75	....
" 4 to 5 "	Gawk	1 50	....
" 3 to 4 "	Gay	1 25	....
Catalpa, Bungei, 6 to 8 feet	Gaze	5 00	....
" " 5 to 6 "	Gear	4 00	....
" Speciosa, 2 to 2½ inch stem	Germ	2 50	....
" " 1½ to 2 " "	Ghat	2 00	15 00
" " 8 to 10 feet	Gib	1 50	12 50
" " 6 to 8 "	Gift	1 25	10 00
" " 5 to 6 "	Gig	90	7 00
Chesnut, Sweet, 6 to 8 feet	Gild	2 50	....
" " 5 to 6 "	Gill	2 00	....
" " 4 to 5 "	Gilt	1 50	....
" " 3 to 4 "	Gimp	1 25	....
" Horse, 6 to 8 "	Gin	4 50	....
" " 5 to 6 "	Gip	3 00	....
Cottonwood, 8 to 10 feet	Gird	2 50	....
" 6 to 8 "	Girt	1 50	....
" 5 to 6 "	Gist	1 00	....
" 4 to 5 "	Glad	80	....
Crabs, Bechtel's Double Flowering, 4 to 5 feet	Glade	3 00	....
" " " " 3 to 4 "	Glair	2 50	20 00
" " " " 2 to 3 "	Glance	1 75	15 00
" " " " 18 to 24 inches	Gland	1 50	12 50
Elm, American, 1½ to 2 inch stem	Glans	3 00	25 00
" " 8 to 10 feet	Glare	1 75	15 00
" " 6 to 8 "	Glass	1 25	10 00
" " 5 to 6 "	Glaze	1 00	8 00
" " 4 to 5 "	Gleam	75	6 00
" Scotch, 2 to 2½ inch stem	Glean	7 50	....
" " 1½ to 2 " "	Glebe	5 00	....
" " 8 to 10 feet	Glee	3 50	....
Hackberry, 6 to 8 feet	Glen	1 75	....
" 5 to 6 "	Glib	1 25	....
" 4 to 5 "	Glide	1 00	....
Judas Tree or Red Bud, 5 to 6 feet	Globe	1 50	....
" " " " " 4 to 5 "	Gloom	1 25	....
" " " " " 3 to 4 "	Gloon	1 00	....
Larch, 2 to 3 feet	Gloos	1 00	....
" 18 to 24 inches	Gloot	80	....
" 12 to 18 "	Glory	60	....
Linden, American and European, 1½ to 2 inch stem	Gloss	5 00	....
" " " " 8 to 10 feet	Glossa	3 50	....
" " " " 6 to 8 "	Glossy	2 50	....
" " " " 5 to 6 "	Glove	2 00	....
" " " " 4 to 5 "	Glow	1 50	....

DECIDUOUS ORNAMENTAL TREES—Continued

	Code	Per 10	Per 100
Locust, Black, 1½ to 2 inch stem	Gnash	$ 2 00	....
" " 8 to 10 feet	Gnat	1 50	....
" " 6 to 8 "	Gnaw	1 25	....
" " 5 to 6 "	Goad	1 00	8 00
" " 4 to 5 "	Goal	60	5 00
" Honey, 8 to 10 "	Goat	2 00	....
" " 6 to 8 "	Gold	1 50	12 50
" " 5 to 6 "	Golf	1 25	10 00
" " 4 to 5 "	Gong	1 00	8 00
" " Thornless, 8 to 10 feet	Goon	2 00	....
" " " 6 to 8 "	Goop	1 50	....
" " " 5 to 6 "	Goor	1 25	....
Magnolia, 5 to 6 feet	Gore	2 50	....
Maple, Norway. 8 to 10 feet	Goth	4 00	35 00
" " 6 to 8 "	Gout	3 00	25 00
" " 5 to 6 "	Gown	2 50	20 00
" " 4 to 5 "	Grab	1 50	....
" Schwedler's, 6 to 8 feet	Graf	5 00	....
" " 5 to 6 "	Grim	4 00	....
" " 4 to 5 "	Grin	3 00	....
" Silver, soft or white, 1½ to 2 inch stem	Grip	2 50	....
" " " " " 8 to 10 feet	Grit	1 75	....
" " " " " 6 to 8 "	Grog	1 25	10 00
" " " " " 5 to 6 "	Grot	90	7 00
" " " " " 4 to 5 "	Gulf	60	4 00
" Sugar, 8 to 10 feet	Gull	4 00	35 00
" " 6 to 8 "	Gulp	3 00	25 00
" " 5 to 6 "	Gush	2 50	20 00
" " 4 to 5 "	Gust	1 75	....
" Weir's Cut Leaved, 1½ to 2 inch stem	Gybe	3 50	....
" " " " 8 to 10 feet	Gyre	2 50	20 00
" " " " 6 to 8 "	Gyve	1 75	15 00
" " " " 5 to 6 "	Hack	1 50	12 50
" " " " 4 to 5 "	Haft	1 25	10 00
Mountain Ash, European, 1½ to 2 inch stem	Hair	3 50	..
" " " 8 to 10 feet	Haje	2 50	20 00
" " " 6 to 8 "	Hale	1 50	12 50
" " " 5 to 6 "	Hall	1 25	10 00
" " " 4 to 5 "	Halo	1 00	8 00
" " Oak Leaved 6 to 8 "	Halt	2 50	....
" " " " 5 to 6 "	Hand	1 75	15 00
" " " " 4 to 5 "	Hang	1 50	12 50
Oak, Red, 6 to 8 feet	Hank	3 50	....
" " 5 to 6 "	Hare	2 50	....
" " 4 to 5 "	Hark	1 50	....
Olive, Russian, 5 to 6 feet	Harm	1 25	10 00
" " 4 to 5 "	Harp	1 00	8 00
" " 3 to 4 "	Hart	80	6 00
" " 2 to 3 "	Hash	60	4 00
Persimmons, 5 to 6 feet	Hasp	1 75	....
" 4 to 5 "	Hast	1 50	....
" 3 to 4 "	Hate	1 25	....
Poplar, Balm of Gilead, 8 to 10 feet	Haw	2 00	....
" " " " 6 to 8 "	Hawk	1 50	....
" " " " 5 to 6 "	Haze	1 25	....
" " " " 4 to 5 "	Hazy	1 00	....
" Carolina, 2 to 2½ inch stem	Head	2 50	....
" " 1½ to 2 " "	Heal	1 50	12 50
" " 8 to 10 feet	Heap	1 00	8 00
" " 6 to 8 "	Heed	80	6 00
" " 5 to 6 "	Heel	50	4 00
" " 4 to 5 "	Heft	40	3 00

DECIDUOUS ORNAMENTAL TREES - Continued

	Code	Per 10	Per 100
Poplar, Lombardy, 1½ to 2 inch stem	Heir	$2 00	....
" " 8 to 10 feet	Helm	1 50	12 50
" " 6 to 8 "	Hem	1 25	10 00
" " 5 to 6 "	Hemp	1 00	8 00
" " 4 to 5 "	Herb	60	....
" Norway, 2 to 2½ inch stem	Herd	2 50	...
" " 1½ to 2 " "	Hero	1 50	...
" " 8 to 10 feet	Herr	1 00	...
" " 6 to 8 "	Hest	80	....
" " 5 to 6 "	Hew	50	....
" " 4 to 5 "	Hill	40	....
" Silver Leaved, 8 to 10 feet	Hilt	2 00	...
" " " 6 to 8 "	Hind	1 75	....
" " " 5 to 6 "	Hist	1 50	....
" " " 4 to 5 "	Hive	1 25	....
Sycamore, American and European, 8 to 10 feet	Hoax	2 00	17 50
" " " " 6 to 8 "	Holm	1 50	12 50
" " " " 5 to 6 "	Hone	1 25	10 00
" " " " 4 to 5 "	Hood	1 00	8 00
" " " " 3 to 4 "	Hoop	80	6 00
Thorn, Flowering Double, Scarlet, White, 4 to 5 feet	Hose	2 50	...
" " " " and Pink, 3 to 4 feet	Host	2 00	...
Tulip Tree, 6 to 8 feet	Hove	2 00	....
" " 5 to 6 "	Howe	1 75	15 00
Walnut, Black, 1½ to 2 inch stem	Huff	2 50	....
" " 8 to 10 feet	Hulk	2 00	17 50
" " 6 to 8 "	Hull	1 75	15 00
" " 5 to 6 "	Hum	1 50	12 50
" " 4 to 5 "	Hung	1 25	10 00
" " 3 to 4 "	Hunk	80	....
Willow, Golden, 6 to 8 feet	Hurl	1 00	7 50
" " 5 to 6 "	Hush	75	5 00
" " 4 to 5 "	Husk	40	...
" Laurel Leaved, 6 to 8 feet	Ibex	1 25	10 00
" " " 5 to 6 "	Ibis	1 00	8 00
" " " 4 to 5 "	Idem	80	6 00

ORNAMENTAL SHRUBS

Almonds, Double Flowering, pink and white, 3 to 4 feet	Impel	1 75	...
" " " " " " 2 to 3 "	Imply	1 50	...
" " " " " " 18 to 24 inches	Incline	1 25	....
Altheas, Assorted, 3 to 4 feet	Income	1 25	10 00
" " 2 to 3 "	Indent	1 00	8 00
" " 18 to 24 inches	Index	80	6 00
Azalea Mollis	Indict	3 00	....
Barberry, Purple Leaved, 2 to 3 feet	Indite	1 00	8 00
" " " 18 to 24 inches	Induce	60	5 00
" " " 12 to 18 "	Indue	40	3 00
" " " 6 to 12 "	Indulge	30	2 00
" Thunberg's, 18 to 24 "	Infare	1 00	8 00
" " 12 to 18 "	Infect	60	5 00
" " 6 to 12 "	Infirm	40	3 00
" Vulgaris, 2 to 3 feet	Infix	1 00	8 00
" " 18 to 24 inches	Infold	60	5 00
" " 12 to 18 "	Inform	40	3 00
" " 6 to 12 "	Infuse	30	2 00
Buckthorn, 2 to 3 feet	Ingot	50	4 00
" 18 to 24 inches	Ingrain	40	3 00
" 12 to 18 "	Ingrate	30	2 00
Calycanthus, 2 to 3 feet	Ingulf	1 25	10 00
" 18 to 24 inches	Inject	1 00	8 00
Caragana, Pea Tree, 2 to 3 feet	Inlace	75	6 00
" " " 18 to 24 inches	Invite	60	4 00

ORNAMENTAL SHRUBS—Continued

	Code	Per 10	Per 100
Cornus, Sanguinea and Siberica, 3 to 4 feet	Invoke	1 25	10 00
" " " " 2 to 3 "	Inwall	1 00	8 00
" " " " 18 to 24 inches	Irate	80	6 00
Cranberry, High Bush, 3 to 4 feet	Island	1 25	10 00
" " " 2 to 3 "	Item	1 00	8 00
" " " 18 to 24 inches	Ivy	80	6 00
Currant, Flowering, 2 to 3 feet	Ivory	1 00	....
" " 18 to 24 inches	Izzard	80	....
Deutzia, Assorted Kinds, 2 to 3 feet	Jaw	1 00	8 00
" " " 18 to 24 inches	Jeer	80	6 00
Elder, Golden Leaved, 3 to 4 feet	Jean	1 25	10 00
" " " 2 to 3 "	Jerk	1 00	8 00
" " " 18 to 24 inches	Jest	80	6 00
Eleagnus Longipes, 2 to 3 feet	Jig	1 00	....
" " 18 to 24 inches	Jilt	80	....
Euonymus, Strawberry Tree, 5 to 6 feet	Jimp	1 50	....
" " " 4 to 5 "	Job	1 25	....
Forsythia, Fortuneii, 2 to 3 feet	Jog	1 25	....
" Intermedia, 2 to 3 "	Joke	1 25	....
" Suspensa, 2 to 3 "	Jolt	1 25	....
" Viridissima, 2 to 3 "	Joss	1 25	....
Fringe, Purple or Smoke Tree, 4 to 5 feet	Jot	1 50	12 50
" " " " " 3 to 4 "	Jowe	1 25	10 00
" " " " " 2 to 3 "	Joy	1 00	8 00
" White, 12 to 18 inches	Jud	1 25	....
Honeysuckle, Tartarian, red, pink and white, 2 to 3 feet	Jug	1 00	8 00
" " " " " " " 18 to 24 inches	Just	80	6 00
Hydrangea, Paniculata, Grandiflora, 3 to 4 feet	Jut	1 50	12 50
" " " 2 to 3 "	Keel	1 25	10 00
" " " 18 to 24 inches	Keen	1 00	8 00
" " " 12 to 18 "	Keep	80	6 00
" " " 6 to 12 "	Kelt	50	4 00
" Tree, 4 to 5 feet	Ken	2 00	17 50
" " 3 to 4 "	Keno	1 75	15 00
Lilac, Persian, 4 to 5 feet	Kerb	1 75	....
" " 3 to 4 "	Kern	1 50	....
" Purple, 4 to 5 "	Key	1 50	..
" " 3 to 4 "	Khan	1 25	10 00
" " 2 to 3 "	Kibe	1 00	8 00
" " 18 to 24 inches	Kill	80	6 00
" White, 3 to 4 feet	Kiln	1 50	....
" " 2 to 3 "	Kilo	1 25	....
" " 18 to 24 inches	Kilt	1 00	....
" Budded, Tree Form, as follows, 4 to 5 feet	Kim	2 50	....
" " " " " " 3 to 4 "	Kind	2 00	....
" " " " " " 2 to 3 "	Kine	1 50	....

Admiral Togo	Jean de Arc	Mathew de Dombasle
Alphonse Lavalle	La Marck	Michael Buchner
Belle de Nancy	Ludwig Spaeth	President Grevy
Charles X	Madame Abel Chatenay	Rubra de Marly
Congo	Madame Casimir Perier	Souvenir de L. Spaeth
Frau Dammann	Marie Legraye	Virginalis

Prunus, Pissardi, 4 to 5 feet	King	1 75	....
" " 3 to 4 "	Kink	1 50	....
" Triloba, 4 to 5 "	Kirk	1 75	....
" " 3 to 4 "	Kite	1 50	....
Privet, Amoor, 2 to 3 feet	Kith	40	3 00
" " 18 to 24 inches	Knap	30	2 00
" California, 3 to 4 feet	Knee	40	3 00
" " 2 to 3 "	Knit	30	2 50
" " 18 to 24 inches	Lama	25	2 00
" " 12 to 18 "	Lame	20	1 50
" " 6 to 12 "	Lamp	15	1 00

ORNAMENTAL SHRUBS—Continued

	Code	Per 10	Per 100
Privet, Ibota, 18 to 24 inches	Lance	50	4 00
" " 12 to 18 "	Land	40	3 00
" Vulgaris, 2 to 3 feet	Lane	40	3 50
" " 18 to 24 inches	Lank	30	2 50
Quince, Japan Scarlet, 2 to 3 feet	Lant	80	6 00
" " " 18 to 24 inches	Lap	50	4 00
" " " 12 to 18 "	Lard	40	3 00
" " " 6 to 12 "	Lark	20	1 50
Rhododendrons, (Budded) named	Larl	7 50	...
" " unnamed	Lart	6 00	...
Snowballs, 3 to 4 feet	Lash	1 25	10 00
" 2 to 3 "	Lath	1 00	8 00
" 18 to 24 inches	Lave	80	6 00
" 12 to 18 "	Lay	60	5 00
" Japan, 2 to 3 feet	Lea	1 50	....
" " 18 to 24 inches	Lean	1 25	....
Snowberry, White, 2 to 3 feet	Leap	1 00	8 00
" " 18 to 24 inches	Lee	75	6 00
" " 12 to 18 "	Leek	50	4 00
Spirea, Anthony Waterer, 18 to 24 inches	Leer	1 25	10 00
" " " 12 to 18 "	Lens	1 00	8 00
" Arguta, 18 to 24 inches	Lent	1 00	.
" " 12 to 18 "	Levy	80	...
" Billardi, 2 to 3 feet	Lice	1 25	10 00
" " 18 to 24 inches	Lick	1 00	8 00
" Bumulda, 12 to 18 inches	Lief	1 00	8 00
" " 6 to 12 "	Lien	80	6 00
" Callosa and Callosa Alba, 18 to 24 inches	Lift	1 00	
" " " " " 12 to 18 "	Lilt	80	.
" " Rosea, 3 to 4 feet	Lime	1 25	.
" " " 2 to 3 "	Limm	1 00	...
" Opulifolia and O. Aurea, 3 to 4 feet	Limp	1 25	10 00
" " " " " 2 to 3 "	Limy	1 00	8 00
" Prunifolia and Speciosa, 2 to 3 "	Lime	1 25	..
" " " " 18 to 24 inches	Ling	1 00	.
" " " " 12 to 18 "	Link	80	....
" Reevesii, 2 to 3 feet	Lint	1 25	. .
" Van Houttei, 2 to 3 feet	Lion	80	6 00
" " " 18 to 24 inches	Lira	50	4 00
" " " 12 to 18 "	Lisp	40	3 00
Syringa, Mock Orange, Assorted, 3 to 4 feet	Loaf	1 25	10 00
" " " " 2 to 3 "	Loam	1 00	8 00
" " " " 18 to 24 inches	Lock	80	6 00
Tamarix, Africana and Amurensis, 6 to 8 feet	Lode	1 75	15 00
" " " " 5 to 6 "	Loft	1 50	12 50
" " " " 4 to 5 "	Log	1 25	10 00
" " " " 3 to 4 "	Loof	1 00	8 00
Weigela, Abel Carriere, 2 to 3 feet	Loom	1 25	.. .
" " " 18 to 24 inches	Loon	1 00	..
" Alba, 2 to 3 feet	Loop	1 25	10 00
" " 18 to 24 inches	Loot	1 00	8 00
" " 12 to 18 "	Lop	80	6 00
" Candida and Van Houttei, 2 to 3 feet	Lope	1 25	
" Eva Rathke, 2 to 3 feet	Lore	1 25	
" " " 18 to 24 inches	Lorn	1 00	
" " " 12 to 18 "	Lote	80	.
" Rosea, 3 to 4 feet	Lour	1 50	12 50
" " 2 to 3 "	Lout	1 25	10 00
" " 18 to 24 inches	Love	1 00	8 00
" Variegated, 3 to 4 feet	Lubb	1 75	15 00
" " 2 to 3 "	Luce	1 50	12 50
" " 18 to 24 inches	Luff	1 25	10 00
" " 12 to 18 "	Luft	1 00	8 00

CLIMBING VINES

	Code	Per 10	Per 100
Akebia Quinata	Lug	1 25	10 00
Ampelopsis, Englemanni	Luke	1 00	8 00
" Quinquefolia (Virginia Creeper or American Ivy)	Lull	75	6 00
" Veitchii, (Boston Ivy)	Lum	1 00	8 00
Aristolochia Sipho, Dutchman's Pipe	Lump	2 50	....
Bignonia Radicans, Trumpet Creeper	Lunch	1 00	....
Celastrus or Staff Tree, Bitter Sweet	Lung	1 00	....
Clematis, Coccinea, bright scarlet	Lure	1 25	10 00
" Paniculata and Virgin's Bower, white	Lute	1 00	8 00
" Viticella, purple or blue	Mad	1 00	8 00
" Jackmanni, purple	Made	1 60	15 00
" Duchess of Edinburgh, Fair Rosamond, Fairy Queen, Gypsy Queen, Henryi, Lawsoniana, Madam Baron Veillard, Madam Edward Andre, Miss Bateman, Ramona, Ville de Lyon	Maid	1 60	15 00
Honeysuckle, Chinese	Maim	1 00	8 00
" Golden Leaved	Main	1 00	8 00
" Halleana	Mall	1 25	10 00
" Monthly Fragrant	Malt	1 25	10 00
" Scarlet Trumpet and Yellow Trumpet	Mane	1 25	10 00
Matrimony Vines	Manor	1 00	8 00
Periploca, Virginia Silk Vine	Manse	1 00	....
Wistaria, Purple Flower	Manus	80	6 00
" White	Manx	1 50	....

PEONIES HERBACEOUS

Pink, unnamed	Mark	70	5 00
Red, unnamed	Marl	1 00	8 00
White, unnamed	Marsh	1 00	8 00
Named varieties as follows	Mart	1 25	10 00

Baroness Rothschild	Festiva Alba	Perfection
Carolina Mather	Festiva Maxima	Queen Victoria
Chinese Rubra	Mad. Onme	Rosea Fragrans
Doyenne D'Engheim	Mt. Blanc	Rubra Superba
Duchess de Orleans	Officinalis Rubra	Rubra Triumphans
Duke of Wellington	Patton	Yellow Holland

HEDGING

		Per 100	Per 1000
Barberry, Purple Leaved, 2 to 3 feet	Masi	$8 00	....
" " " 18 to 24 inches	Mask	5 00	....
" " " 12 to 18 "	Masl	3 00	....
" " " 6 to 12 "	Masm	2 00	....
" Thunberg's, 18 to 24 "	Masn	8 00	....
" " 12 to 18 "	Maso	5 00	....
" " 6 to 12 "	Masp	3 00	....
" Vulgaris, 2 to 3 feet	Masq	8 00	....
" " 18 to 24 inches	Masr	5 00	....
" " 12 to 18 "	Mass	3 00	....
Buckthorn, 2 to 3 feet	Mast	4 00	....
" 18 to 24 inches	Masv	3 00	....
" 12 to 18 "	Masx	2 00	....
Locust, Honey, 18 to 24 inches	Masy	....	4 00
" " 12 to 18 "	Mat	....	2 50
Osage Orange, 18 to 24 "	Mate	....	2 50
" " 12 to 18 "	Mati	....	1 50
Privet, California, 3 to 4 feet	Mato	3 00	....
" " 2 to 3 "	Matt	2 50	20 00
" " 18 to 24 inches	Matu	2 00	15 00
" " 12 to 18 "	Maua	1 50	12 50
" " 6 to 12 "	Maub	1 00	....
" Ibota, 18 to 24 inches	Mauc	4 00	....
" " 12 to 18 "	Maud	3 00	....
Pyrus Japonica, 2 to 3 feet	Mauf	6 00	....
" " 18 to 24 inches	Maug	4 00	....
" " 12 to 18 "	Mauh	3 00	....

EVERGREENS—Transplanted

We call attention to a complete stock of hardy Western Grown Evergreens. All orders are dug same day as shipped and great care is used to keep the roots from exposure. If Evergreens are balled, we will make an extra charge for same.

	Code	Per 10	Per 100
Arbor Vitae, American, 2 to 3 feet	Maul	$1 25	$10 00
" " " 18 to 24 inches	Maw	1 00	8 00
" " " 12 to 18 "	Maze	80	6 00
" " Pyramidalis, 2 to 3 feet	Mead	3 00	
" " " 18 to 24 inches	Meag	2 50	
" " Siberian, 18 to 24 inches	Meal	1 75	
" " " 12 to 18 "	Mean	1 50	
Balsam Fir, 4 to 5 feet	Mear	2 00	17 50
" " 3 to 4 "	Meat	1 75	15 00
" " 2 to 3 "	Meax	1 50	12 50
" " 18 to 24 inches	Meed	1 25	10 00
" " 12 to 18 "	Meek	1 00	8 00
Juniper, Irish, Savin and Swedish, 2 to 3 feet	Meer	2 00	
" " " " " 18 to 24 inches	Meet	1 75	
" " " " " 12 to 18 "	Mele	1 50	
Pine, Austrian, 2 to 3 feet	Melo	1 50	12 50
" " 18 to 24 inches	Melt	1 25	10 00
" " 12 to 18 "	Mena	1 00	8 00
" Bull, 18 to 24 inches	Mend	1 25	10 00
" " 12 to 18 "	Menu	1 00	8 00
" Jack, 2 to 3 feet	Mera	1 25	
" " 18 to 24 inches	Mere	1 00	
" " 12 to 18 "	Merl	75	
" Scotch, 2 to 3 feet	Mert	1 50	12 50
" " 18 to 24 inches	Mesh	1 25	10 00
" " 12 to 18 "	Mess	1 00	8 00
" White, 18 to 24 "	Mest	1 25	10 00
" " 12 to 18 "	Mete	1 00	8 00
Spruce, Black Hills, 18 to 24 inches	Mew	1 75	15 00
" " " 12 to 18 "	Mewe	1 50	12 50
" Blue (Blue Tings) 2 to 3 feet	Mews	7 50	
" " " " 18 to 24 inches	Mica	5 00	
" " " " 12 to 18 "	Mice	3 50	
" Colorado Green, 2 to 3 feet	Mila	5 00	
" " " 18 to 24 inches	Mild	3 00	
" " " 12 to 18 "	Mile	2 00	
" Douglas, 2 to 3 feet	Milk	3 00	
" " 18 to 24 inches	Mill	2 50	
" " 12 to 18 "	Milt	2 00	
" Hemlock, 18 to 24 "	Mime	1 25	
" " 12 to 18 "	Mind	1 00	
" Koster's Blue, 2 to 3 feet	Mine	20 00	
" " " 18 to 24 inches	Mink	15 00	
" " " 12 to 18 "	Mint	10 00	
" Norway, 18 to 24 inches	Minx	1 25	10 00
" " 12 to 18 "	Mire	1 00	8 00

The Koster's are grafted specimens and much in demand where choice Evergreens are wanted.

ROSES—Strong Field Grown Plants

	Code	Per 10	Per 100
Hybrid, Perpetual, largely of the following kinds	Mite	$1 25	$10 00

Alfred Colomb	Eugene Furst	Madam G. Luizet
Anne de Diesbach	Fischer Holmes	Magna Charta
Baron de Bonstetten	Frau Karl Druschki	Margaret Dickson
Baroness Rothschild	General Jacqueminot	M. P. Wilder
Captain Hayward	General Washington	Mrs. John Laing
Clio	John Hopper	Paul Neyron
Coq. des Alpes	Jubilee	P. C. de Rohan
Coq. des Blanches	Jules Margottin	Ulrich Brunner
Earl of Dufferin	Mabel Morrison	

Miscellaneous

American Beauty	Mix	1 50	....
Gruss an Teplitz	Moan	1 50	....
Harrison Yellow	Moat	1 50	12 50
Killarney	Mob	1 50	....
La France	Mock	1 25	....
Madame Plantier	Mode	1 00	8 00
Persian Yellow	Model	1 50	12 50
Soleil d'Orr	Mold	1 75	....

Moss Roses

Assorted	Mole	1 25	10 00

Blanche Moreau	Henry Martin	Salet
Crested Moss	Perpetual White	White Bath

Rugosa and Rugosa Hybrids

Agnes Emily Carman	Molt	1 25	....
Madame Geo. Bruant	Monk	1 25	....
Rosa Alba	Mont	1 25	....
" Rubra	Mood	1 00	....

Wichuriana Hybrids

Assorted	Moody	1 00	....

Manda's Triumph	S. O. Perfection	Universal Favorite
Pink Roamer		

Climbing and Rambler Roses

Baltimore Belle	Moon	1 00	8 00
Blue Rambler, (Veilchenblau)	Moor	2 00	....
Crimson Rambler	Mop	1 25	10 00
Dorothy Perkins	Mope	1 00	8 00
Empress of China	Moral	1 00	8 00
Flower of Fairfield	Most	2 00	....
Katharine Zeimet, (White Baby Rambler)	Mown	1 50	....
Lady Gay	Muff	1 00	8 00
Maman Levavasseur, (Baby Dorothy Pink)	Mug	1 50	....
Mme. N. Levavasseur, (Crimson Baby Rambler)	Mum	1 50	12 50
Pink Rambler	Nab	1 00	8 00
Prairie Queen	Nap	1 00	8 00
Seven Sisters	Neap	1 00	8 00
White Rambler	Net	1 25	10 00
Yellow Rambler	Nip	1 25	10 00

Tree Roses

Assorted	Nob	5 00	40 00

Hardy Herbaceous Flowering Plants

	Per 10	Per 100
Achillea, (The Pearl)	$ 80	$ 7 00
Acquilegia, yellow or white (Columbine)	1 00	8 00
Asters, strong transplanted plants, white, lavender, pink, red and purple; all named sorts	50	4 00
Daisy, Shasta, 2 inch pots	50	4 00
Dielytra Spectabilis, (Bleeding Heart)	1 25	10 00
Delphinium, (Larkspur)	1 00	8 00
" Named	1 75	15 00
Funkia	80	7 00
Gaillardia, (Blanket Flower)	1 00	8 00
Gypsophila Paniculata, (Baby's Breath)	1 00	8 00
Hollyhock, choice double	1 00	8 00
Iris, German, mixed	60	5 00
" named, we have a very choice selection, any shade or color	1 00	8 00
Moonflower, strong 3 inch pots	1 00	8 00
Phlox, choice latest sorts	1 75	15 00
Rudbeckia, Golden Glow	40	3 00
Salvia, St. Louis and Splendens, 2 inch pots	60	5 00
Yucca Filamentosa	50	4 00

Miscellaneous Greenhouse Plants

Carnations, strong 2 inch pots; pink, red, white	80	7 00
Chrysanthemums, strong 2 inch pots	80	7 00
Geraniums, either double or single, any color, 2 inch pots	80	7 00
Ferns, hardy, for out-door planting,	1 25	10 00
" Boston, 2 inch	1 00	8 00
" Asparagus, 2 inch	1 00	8 00
Heliotrope, strong 2 inch pots	1 00	8 00
Hydrangea, for house culture, small	1 75	15 00
Lily of the Valley, in clumps of 10 pips each	1 75	15 00
Pansies	50	4 00

Hardy Bulbs for Fall Planting

Crocus, in separate colors or mixed	15	1 00
Freesia, Refracta Alba. strong bulbs	30	2 00
Hyacinth, Dutch, double or single, in the following colors: red white or blue	60	5 00
" Roman, white only	60	5 00
Lilium, Auratum	1 75	15 00
" Rubrum	1 75	15 00
" Harissii, white trumpet	1 75	15 00
" Longiflorum, white trumpet	1 75	15 00
" Tigrinum, (Tiger Lily)	50	4 00
Narcissus, (Daffodils) hardy double	30	2 00
" " " single	30	2 00
Tulip, single or double	30	2 00

Tender Bulbs and Tubers for Spring Planting

Cannas, best named varieties	60	5 00
Caladium, Esculentum, (Elephant Ear) Large	1 75	15 00
Dahlias, choice, double, named sorts in the following colors: red, pink, yellow, white and variegated	1 25	10 00
" in separate colors, not named	1 00	8 00
" in mixed colors	60	5 00
Gladiolus, choice mixed, all colors	25	2 00
" Nishna Valley mixture, extra fine	30	2 50
" Named	50	4 00
Tube Rose, Excelsior Pearl, first class bulbs	30	2 00

NURSERYMEN'S SUPPLIES

Box Straps—Made out of thin sheet steel and cut into strips which average about twelve inches long and one inch wide. It is very strong, tough and pliable and holds the heaviest box. A nail can be driven through it readily without previous punching. Per lb.....05

Burlap—7 ounce to the yard, 40 inches wide, per yard.....06

Carpet Warp—For tying buds, comes in skeins in 5 lb. packages, per lb.....30

Collating Books—To collate Orders. Ruled with printed headlines showing principal varieties, per book.....05
Per book, postpaid.....07

Delivery Cash Books—Have ruled spaces for name of customer, amount of order, amount collected, etc. Holds 133 accounts, per book.....05
Per book, postpaid.....07

Dibbles or Planting Steels—Used for setting out grafts, etc., each.....$1 00

Grafting Thread—Unwaxed, per ball.....10
Waxed, per ball.....12½
One ball of waxed thread will wind about 4,000 grafts. If ordered by mail add 2c per ball to the unwaxed and 7c per ball to the waxed to pay postage.

Knives, Budding—Wostenholm's I X. L. Ivory tip. Best on market, each postpaid.....75

Knives, Grafting—The best all around reasonable priced grafting knives that we know of. Have used them in our own grafting room, and have sold them to the trade for years, and they give excellent satisfaction. American make, square point each.....40
Each, postpaid.....45
English make, a better knife, square point, each.....50
Each, postpaid.....55

Knives, Pruning—Wostenholm's I. X. L. None better, each.....75
Each, postpaid.....80

Knives, Pruning—Keen Kutter. Not as heavy as the Wostenholm. Fine for light pruning, each.....50
Each, postpaid.....55

Labels—We carry constantly on hand a large stock of labels, which are put up in neat packages of 1000 each, ready for use. They are of superior quality, and will please. Notched, Iron wired, 3½ inch plain, per 1,000.....80
Notched, Copper wired, 3½ inch plain, per 1,000.....$1 00
Notched and pierced, Iron wired, 3½ inch plain, per 1,000.....90

Label Wire—(Iron) cut ready for use, per lb.....20
Per lb. postpaid.....36

Mule Skin Mittens—Made out of mule skin. Very durable and wear like buckskin. Just the thing to handle trees, roses, etc. There are two sheaths, one for the forefinger and one for the other three fingers, per pair.....35
Per dozen pair.....$3 00

Needles—For sewing burlap, 6 inch curved, best, per dozen.....65

Order Books—Containing 25 order sheets, also duplicates which are of different color. Our name does not appear on these blanks, each.....25
Per dozen.....$2 40

Paper—To line boxes and protect contents from wind, frost, etc., comes in rolls weighing 60 to 65 lbs., 33 inches wide, extra good quality, per lb.....03

Pruning Shears—California pattern, 9 inches, plain nut, steel blades, blued flat steel, coil spring, each.....75

Raffia—Fresh stock, "Red Star Brand" per lb.....15

Sewing Twine—For burlapping, in skeins, per lb.....30

Sisal—2-ply, for tying large bales, per lb.....10

Spades—Ames make, the best heavy nursery spade, strapped full length, each $1 75

Spades—Keen Kutter, not as heavy as the Ames, strapped full length, each..$1 75

Tarred Lath Yarn—Used for tying trees in bunches. We use this twine especially on trees that are going into storage over winter, as it does not rot like wool twine. We have it in balls of five lbs. each, per lb.....10

Wool Twine—4-ply, for tying trees in bunches, put up in balls of about one lb. each, per lb.....10

SPECIAL MENTION

APPLE—We have a fair surplus in nearly all of the leading kinds in all grades—an especially well-grown lot of one-half inch in the best varieties.

Note our "grade count" of one year olds. These are well rooted, straight bodied trees.

CHERRIES—Well grown trees in most of the leading sorts. Some on Mazzard roots at a little higher price.

COMPASS CHERRY PLUM—We do not have a large supply of No. 1, but can furnish good sized lots of the under grades. If in need of whips for lining out, we have them.

PLUMS, NATIVE—Still have a few in all grades but can only sell them in connection with orders for other stock. If interested in smaller grades call for "Grade Count."

GRAPES—All grown in New York and are graded to the usual standard.

CURRANTS AND GOOSEBERRIES—A fine well-rooted lot of the leading sorts.

C. L. BIRCH—These are good values at the prices quoted and it is well to buy early.

ROSES—We would advise buying while the list of varieties is unbroken. Can book all of the leading sorts at this date as per list of varieties given on page twenty.

GRAFTS—Read page ten carefully. We can handle your graft orders to your satisfaction. Let us book your order now while the assortment of varieties is complete.

APPLE SEEDLINGS AND BUDDING STOCK—We call your attention to page nine. Special equipment and personal attention to the grading and handling should interest customers. Also the fact that we have our own representative in France insures the best of imported stock.

GENERAL ASSORTMENT—In mentioning the above items we do not wish to give the impression that we cannot fill orders for assorted stock but merely call attention to a few things that we think customers will be interested in.

Shall hope to have your orders.

THE SHENANDOAH NURSERIES

D. S. LAKE, Proprietor

Shenandoah, • • • Iowa